ATTORNEY'S DOCKET NUMBER U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ORM PTO-1390 (Modified) REV. 7-2005) 08940006AA TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. 23 December 2003 PCT/GB2004/005390 22 December 2004 TITLE OF INVENTION ANTHARQUINONE COMPOUNDS AS ANTI CANCER COMPOUNDS APPLICANT(S) FOR DO/EO/US Laurence H. Patterson; Klaus Pors; Paul H. Teesdale-Spittle Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  $\boxtimes$ This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6),  $\boxtimes$ 3. (9) and (24) indicated below.  $\boxtimes$ The US has been elected (Article 31). 4. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) 5.  $\boxtimes$ is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. b. 🗆 is not required, as the application was filed in the United States Receiving Office (RO/US). c. 🗆 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗌 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) 7. are attached hereto (required only if not communicated by the International Bureau). a. 🗌 b. 🗆 have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. c. 🗆 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8 An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  $\boxtimes$ 9. An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11.  $\boxtimes$ A copy of the International Search Report (PCT/ISA/210). 12. Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15.  $\boxtimes$ A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 20 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. Express Mail Label No.

PCTUS1/REV07

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO (if known, see 37 CFR 1.5)   |  |        | .5) INTERNATIONAL  | INTERNATIONAL APPLICATION NO. PCT/GB2004/005390 |         |       | ATTORNEY'S DOCKET NUMBER |               |         |  |  |
|--|--|--------|--|---|---------|-------|--------------------------|---------------|---------|--|--|
|  |  |        | PCT/GB2  |   |         |       | 08940006AA               |               |         |  |  |
| 23. Other items or information: PCT/ISA/220; Request to change address for inventors; Request to change Applicant; PCT/IB/304; PCT/IB/308 (two documents); original PCT Request transmittal  |  |        |  |   |         |       |                          |               |         |  |  |
|  | g fees have been s   |        |  |   |         |       | CALC                     | ULATIONS      | PTO USE |  |  |
|  | ational fee  |        |  |   |         | \$300 | \$                       | \$300.00      |         |  |  |
| If the written opin<br>prepared by IPEA  | ation fee (37 CFR<br>ion prepared by IS<br>VUS indicates all c<br>s  | \$     | \$200.00   |   |         |       |                          |               |         |  |  |
| If the written opin<br>by IPEA/US<br>Search fee (37 C<br>as an Inten<br>International Sea<br>previously of<br>All other situation  | fee (37 CFR 1.492 ionof the ISA/US of indicates all clair FR 1.445(a)(2)) ha national Searching rch Report prepare communicated to ts. | \$     | \$400.00   |   |         |       |                          |               |         |  |  |
| TOTA   | _ OF 24, 25 and  | 26 =   |  |   |         |       | \$                       | \$900.00      |         |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |  |        |  |   |         |       |                          |               |         |  |  |
| Total Sheets   | Extra Sheets   |        | nber of each additional 50 or RATE n thereof (round <b>up</b> to a whole |   |         |       |                          |               |         |  |  |
| 56 - 100 =   | 0 /50 =  |        | 0  |   | × \$250 | 0.00  | \$                       | \$0.00        |         |  |  |
| Surcharge of \$13 declaration after t  | 0.00 for fumishing he date of comme  | \$     | \$130.00   |   |         |       |                          |               |         |  |  |
| CLAIMS   | NUMBER F   | ILED   | NUMBER EXTRA   |   | RATE    |       |                          |               |         |  |  |
| Total claims   | 43   | - 20 = | 23   | х   | \$50    | 0.00  | \$                       | \$1,150.00    |         |  |  |
| Independent clair  | ns 3   | - 3=   | 0  | х   | \$200   | 0.00  | \$                       | \$0.00        |         |  |  |
| MULTIPLE DEPE  | NDENT CLAIMS   | 0.00   | \$   | \$0.00  |         |       |                          |               |         |  |  |
|  |  | NS =   | \$   | \$2,180.00                                      |         |       |                          |               |         |  |  |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |  |        |  |   |         |       |                          | \$0.00        |         |  |  |
| SUBTOTAL =   |  |        |  |   |         |       |                          | \$2,180.00    |         |  |  |
| Processing fee of \$130.00 for fumishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).   |  |        |  |   |         |       |                          | \$0.00        |         |  |  |
| TOTAL NATIONAL FEE =   |  |        |  |   |         |       |                          | \$ \$2,180.00 |         |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |  |        |  |   |         |       | \$ \$0.00                |               |         |  |  |
| TOTAL FEES ENCLOSED =  |  |        |  |   |         |       |                          | \$ \$2,180.00 |         |  |  |
|  |  |        |  |   |         |       | Amour                    | nt to be      | \$      |  |  |
|  |  |        |  |   |         |       | Amou                     | nt to be      | \$      |  |  |

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| a.   |   | A check in the amount of \$  | to cover the above fees is enclosed. |                     |                     |                          |  |  |  |  |  |  |  |  |
|--|---|--|--------------------------------------|---------------------|---------------------|--------------------------|--|--|--|--|--|--|--|--|
| b.   | X   | Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.  | 50-2041                              | in the amount of \$ | \$2,180.00          | to cover the above fees. |  |  |  |  |  |  |  |  |
| c.   | X   | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No   |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |
| d.   |   | Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card</b> information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |  |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |
| SE   | SEND ALL CORRESPONDENCE TO: MMY E/ Houlet |  |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |
| М  | E   | Coulse   |                                      | , SIGNATUF          | SIGNATURE           |                          |  |  |  |  |  |  |  |  |
|  | •   | E. Goulet<br>m, Curtis, Christofferson & Cook, PC  |                                      | Mary E.             | Goulet              |                          |  |  |  |  |  |  |  |  |
|  |   | Sunset Hills Road, Suite 340   |                                      | NAME                |                     |                          |  |  |  |  |  |  |  |  |
| Re   | ston,                                     | Virginia 20190   |                                      | 35,884              |                     |                          |  |  |  |  |  |  |  |  |
| 70:  | 3-787                                     | 7-9400   |                                      | REGISTRA            | REGISTRATION NUMBER |                          |  |  |  |  |  |  |  |  |
|  |   | OMER NUMBER 30743  |                                      | June 23, 2          | 2006                |                          |  |  |  |  |  |  |  |  |
|  |   |  |                                      | DATE                |                     |                          |  |  |  |  |  |  |  |  |
|  |   |  |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |
|  |   |  |                                      |                     |                     |                          |  |  |  |  |  |  |  |  |